KNX area/line coupler or line amplifier

	Specification	Order No.	Packing unit	PS	EAN
	DRA plus	1023 00	1	66	4010337040798

Features

- The area/line coupler connects two KNX lines to each other for data transfer and ensures electrical isolation between these lines. As a result, each bus line of a KNX installation can be operated electrically independently of the other lines.
- Supporting KNX Data Secure communication (KNX Data Secure telegrams can be processed, then filtered, forwarded, or blocked depending on the settings).
- Rapid communication between KNX products in main line and line (long frame support from ETS5).

Area/line coupler

- Use as an area or line coupler, depending on the specification of the physical address and parameterisation.
- Reduction of the bus load via filter function (filter table).
- Forwarding of group telegrams can be parameterised.
- Repetition rate in the case of transfer errors.
- Telegram confirmation can be parameterised.
- Support of the completely expanded group address area from 0 to 31 with the functions "block", "forward unfiltered", and "filter" in both communication directions between the main and subline.
- "Forward unfiltered" and "block" functions can also be selected for physically addressed telegrams between main and subline in both communication directions (programming and tamper protection).
- "Repeat: yes/no" function can be set separately in case of transfer errors on the main or subline for the telegram type "Broadcast".
- Telegram confirmation on the main and subline possible separately for group telegrams and physically addressed telegrams with the settings "always" and "for forwarding only".
- For physically addressed telegrams, the setting "always reject NACK (Not-Acknowledge)" can be selected (programming protection with feedback).

Line amplifier

- As a line amplifier, extending the lines to max. four line segments (max. three line amplifiers per line connected in parallel per line) with up to 64 devices each is possible.
- Repetition rate in the case of transfer errors.

Technical data

KNX medium: TP256

Connections
- KNX higher-level line: Connection and junction terminal

Illustrations are similar and may deviate from originals.

- KNX lower-level line: Connection and junction terminal

Notes

- A separate power supply is required for each line (area line, main line, line) or each line segment.

Dimensions

Modular widths (MW): 2